

## WHAT IS CLAIMED IS:

Sub A1

1 1. In a communication system comprising a first  
2 network and a second network wherein a mobile station is  
3 capable of being coupled to either one of the first and  
4 second networks, a method for notifying the mobile  
5 station of a communication on a network to which the  
6 station is not presently coupled, the method comprising  
7 the steps of:

8 storing an address for the mobile station as it is  
9 coupled to one of said first and second networks;  
10 receiving a communication request from that one of  
11 said first and second networks to which the mobile  
12 station is not presently coupled;  
13 using the stored address of the mobile station as  
14 it is coupled to one of said first and second networks  
15 to send an alert that said communication request has  
16 been received.

1 2. The method of claim 1 wherein said step of storing  
2 comprises the steps of:

3 detecting when the mobile station changes the  
4 network to which it is coupled; and  
5 updating a memory with an address of the mobile  
6 station in the network to which it is coupled.

1 3. The method of claim 1 wherein said first network is  
2 a voice network and said second network is a paging  
3 network.

1 4. The method of claim 1 wherein said first network is  
2 a voice network and said second network is a data  
3 network.

1 5. The method of claim 4 wherein;  
2 the mobile station is initially coupled to said  
3 first network;

4        said step of storing occurs after the mobile  
5        station changes its coupling to the second network; and  
6        said step of receiving receives a communication  
7        request from said first network.

*Cm* 1    6.    The method of claim 4 wherein the step of receiving  
2        receives a communication request from said second  
3        network.

*10* 1    7.    The method of claim 4 wherein;  
2        the mobile station is initially coupled to said  
3        second network;  
4        said step of storing occurs after the mobile  
5        station changes its coupling to said first network; and  
6        said step of receiving receives a communication  
7        request from said first network.

1    8.    The method of claim 4 wherein said data network is  
2        a packet data network.

1    9.    The method of claim 4 wherein said first network is  
2        a voice network and said second network is a paging  
3        network.

1    10.   The method of claim 1 wherein said alert includes  
2        information regarding said received communication  
3        request.

1    11.   The method of claim 10 wherein said information  
2        includes how the mobile station should connect to the  
3        communication.

*sub* 1    12.   In a wireless communication system comprising a  
2        voice network and a data network, wherein a mobile  
3        station can camp onto the voice network via a first  
4        control channel and can camp onto the data network via a  
5        second control channel, a method for notifying the

6 mobile station of a communication from the voice network  
7 while it is camped on the data network, the method  
8 comprising the steps of:

9 storing an address for the mobile station as it is  
10 camped on the data network;

11 receiving a communication request for the mobile  
12 station from the voice network;

13 using the stored address of the mobile station to  
14 send an alert via said data network that said  
15 communication request has been received.

1 13. In a wireless communication system comprising a  
2 voice network and a data network, wherein a mobile  
3 station can camp onto the voice network via a first  
4 control channel and can camp onto the data network via a  
5 second control channel, a method for notifying the  
6 mobile station of a communication from the data network  
7 while it is camped on the voice network, the method  
8 comprising the steps of:

9 storing an address for the mobile station as it is  
10 camped on the voice network;

11 receiving a communication request for the mobile  
12 station from the data network;

13 using the stored address of the mobile station to  
14 send an alert via said voice network that said  
15 communication request has been received.

1 14. A communication system for permitting communication  
2 requests to follow a mobile station after it changes  
3 networks, the system comprising:

4 memory storing an address of a mobile station on a  
5 network to which it is coupled;

6 a communication receiver that receives a  
7 communications request on a network to which the mobile  
8 station is not coupled; and

9 a processor, coupled to said memory and said  
10 communication receiver and using said address of the

11 mobile station to alert the mobile station that said  
12 communication request was received.

1 15. The system of claim 14 wherein the mobile station  
2 is coupled to a voice network and then changes to a data  
3 network, said communication request being received by  
4 said voice network.

1 16. The system of claim 14 wherein the mobile station  
2 is coupled to a data network and then changes to a voice  
3 network, said communication request being received by  
4 said data network.

1 17. A wireless communication system for forwarding  
2 communication requests across networks comprising:  
3 a voice network including a mobile switching  
4 center;  
5 a data network including a mobile data intermediate  
6 system;  
7 a memory coupled to said voice network and said  
8 data work and storing address information for the mobile  
9 station as it is camped on said data network.

1 18. The system of claim 17 further comprising a  
2 processor coupled to said voice network and said memory  
3 that, upon receipt of a communication request on said  
4 voice network accesses the stored address information  
5 for the mobile station and notifies the mobile station  
6 of receipt of said communication request.

1 19. The system of claim 18 wherein notification of the  
2 mobile station of receipt of said communication request  
3 includes information regarding the communication.

1 20. The method of claim 19 wherein said information  
2 includes how the mobile station should connect to the  
3 communication.

Add  
A6